

PRIMAENE WPP692D

Linear Low Density Polyethylene

Southern Polymer, Inc.

Message:

A butene linear low density polyethylene
Applications: - Agricultural film
Barrier food packaging
Blown film
Bread and produce bags
Form fill and seal packaging
Freezer film
Garment film
General packaging
Heavy duty bags
Ice bags
Industrial liners and packaging
Lamination film
Liners
Multilayer packaging film
Refuse bags
Stand up pouches
Trash bags
Features:
Good drawdown
Good tensile and toughness properties
Slip: 1700 ppm
Antiblock: 5000 ppm

General Information	
Additive	Antiblock (5000 ppm)
	Slip (1700 ppm)
Features	Antiblocking
	Butene Comonomer
	Good Drawdown
	Good Toughness
	Low Density
	Slip
Uses	Agricultural Applications
	Bags
	Blown Film
	Consumer Applications
	Food Packaging
	Heavy-duty Bags
	Industrial Applications
	Laminates

Liners
Multilayer Film
Non-specific Food Applications
Packaging

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	193	MPa	
1% Secant, TD	223	MPa	
Tensile Strength			ASTM D882
MD : Yield	9.38	MPa	
TD : Yield	9.51	MPa	
MD : Break	53.2	MPa	
TD : Break	35.3	MPa	
Tensile Elongation			ASTM D882
MD : Break	580	%	
TD : Break	850	%	
Dart Drop Impact	100	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	80	g	
TD	400	g	
Thermal	Nominal Value	Unit	
Peak Melting Temperature	121	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	45		ASTM D2457
Haze	15	%	ASTM D1003

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